

参 考 文 献

国外最近刊行誌参考記事目次

- Journal of the Iron and Steel Institute** 202
(1964) Past 7
- The manufacture of mediaeval knives.
J. PIASKOWSKI. p. 561
- Continuous measurement of moisture in sinter-plant raw materials.
P. M. BERRY p. 568
- Activity of silicon in liquid iron solutions.
G. SMITH et alius. p. 577
- Uses of the electroslag remelting process.
A. C. WILLIAMS. p. 581
- Effect of desulphurization on the impact properties of some low-alloy steels.
A. G. FRANKLIN et alius. p. 588
- Effect of niobium and tantalum on the tensile and impact properties of mild steel.
R. PHILLIPS et alii. p. 593
- Theoretical study of the solidification of rimming steel.
P. MILLES. p. 601
- Metallography of an iron-21% chromium alloy subjected to 475°C embrittlement.
M. J. ELACKBURN et alius. p. 610
- Letter to the Editor: Use of CH₄-H₂ mixture for controlled carburization of alpha-iron.
D. DRIVER et alius. p. 614
- Letter to the Editor: Comparison of the elastic anisotropy of two austenitic steels.
G. BRADFIELD. p. 616
- Journal of Metals** (1964) July
- Kaiser's Eagle Mountain pelletizing plant.
p. 551
- Youngstown sheet and tube's new research center. p. 554
- Canadian production of minerals and metals.
R. B. TOOMBS. p. 569
- Czechoslovakia's iron and steel industry.
J. KREJCI. p. 576
- Thermally activated deformation of metals.
H. CONRAD. p. 582
- Diffusion 1963.
F. R. WINSLOW. p. 589
- Journal of Metals** (1964) Aug.
- The new look at Armco's Ashland Works.
p. 625~654
- Blast Furnace and Steel Plant** 52 (1964) No. 7
- SOMISA-Argentina's first fully integrated steel plant.
- Rev. General P. F. CASTINEIRAS et alius.*
p. 597
- Nuclear applications in coke plant and blast furnace operations.
T. J. RADCLIFFE. p. 661
- New 22-ton continuous induction furnace pours steel by flow, weight, temperature control. J. C. COUTANT. p. 621
- 72nd General Meeting, American Iron and Steel Institute. p. 622
- Stahl und Eisen** (1964) Heft 14
- Operating measurements on a four-high reversing stand for cold rolling wide strip. Part II: Observations on the behaviour in operation.
F. LINDEMANN et alius. p. 837
- Efficiency and costs of scalping machines with tools of cemented carbid.
F. KOTTMEIER. p. 849
- Comparison of various instruments for measuring the surface roughness.
U. KRAUSE et alius. p. 859
- Development and present state of open-coil annealing. R. SCHNEIDER. p. 868
- Stahl und Eisen** 84 (1964) Heft 15
- Requirements on dolomite for the basic oxygen process. W. KÖHLER et alii. p. 909
- Forging press with centre guide shaft.
- I. Features of construction.
A. HERTL. p. 913
- II. Experience with a 3000t forging press with centre guide.
H. ROTHÄUSER. p. 917
- Forging press with welded frame.
- I. Constructional design of the press.
K. NICKRAWIETZ. p. 920
- II. Experience with an underfloor oil hydraulic forging press with welded frame.
H. MATTEL. p. 923
- Steels for hot worked flat, spiral and torsion-bar springs.
S. AMMARELLER. p. 926
- Contribution to mathematical determination of heat treatability of large forging ingots.
G. BANDEL et alius. p. 932
- Stahl und Eisen** 84 (1964) Heft 16
- Contribution to the productivity of iron and steel works.
H. KALLENBACK. p. 973
- The properties of blast furnace coke from the

- point of view of gasification kinetics.
W. PETERS. p. 979
- The metallurgy of the oxygen blowing of basic Bessemer pig iron.
W. KÖHLER et alii. p. 987
- Effect of ore addition rate on the refining process in the oxygen blowing of basic Bessemer pig iron.
W. KÖHLER et alii. p. 998
- Execution of integrated production plan for a heavy and medium plate rolling mill with an electronic computer.
R. NELLE. p. 1006
- Stahl und Eisen 84 (1964) Heft 17**
- Contribution to the question of melting loss in steel production processes.
H. NEUHAUS et alii. p. 1041
- Effect of hot-blast temperature on evolution of temperature and time of heating in blast furnaces. *P. REICHARDT.* p. 1052
- Measures to increase sinter strength.
F. CAPPEL. p. 1062
- Dust-containing flue gases occurring in the basic open-hearth furnace in normal melting processes and in oxygen blowing, and dust-removal.
K. O. ZIMMER. p. 1070
- Maintenance and repair services in the iron and steel works. Preliminary conditions and ways leading to preventive maintenance.
D. PRÜSS et alii. p. 1075
- Effect of surface treatment of steel on the behaviour of paint coats in sea water.
E. BRAUNS et alii. p. 1082
- Archiv für Eisenhüttenwesen 35 (1964) Heft 7**
 Friedrich August Alexander Eversmann (1759-1837). *W. GÜTHLING.* p. 569
- Reduction of hematite with hydrogen.
A. ENDOM et alii. p. 577
- Escape of gas from melts. I. Phenomena observed during the escape of single gas bubbles from the free surface of iron melts and their relevance to the decarburization in hearth-type furnaces.
 II. Phenomena observed during the escape of large gas quantities and their relevance to the metallurgy of the basic bessemer process. *W. A. FISCHER et alius.* p. 585
- Formation of blowholes and segregations in the top of the ingot when casting into moulds with refractory-lined hot tops. I. Fundamental principles.
H. KNÜPPEL et alii. p. 603
- Determination of gases in ferro-alloys and alloy metals and conclusions for their treatment in practice. *O. ETTERICH et alii.* p. 613
- Theoretical observations on the cold rolling of wide strip in relation to operational measurements on a four-high reversing mill.
O. PAWELSKI et alius. p. 619
- Spectroscopic analysis of non-metallic material in works laboratories.
 I. Rapid emission spectroscopic analysis of non-metallic and mineral material. Control of slagging in steel production.
M. RECKZIEGEL et alius. p. 633
- Determination of the oxygen content of steel and powders with 14.5 MeV neutrons.
H. NICKEL et alii. p. 637
- The behaviour of high speed steels under static bend and torsion stress.
S. WILMES. p. 649
- On the effect of a stabilising anneal on the tendency of stabilised austenitic chrome-nickel steels to intercrystalline corrosion.
H. J. SCHÜLLER et alii. p. 659
- The crystallographic properties of deformation twins in martensite.
G. KRAUSS. p. 667
- Revue de Métallurgie 61 (1964) No. 4**
- X-ray fluorescence analysis from a radio-active source; application to the rapid analysis of lorraine iron ore.
G. SEIBEL et alius. p. 333
- Control and analysis in open-hearth furnace.
M. GOHIN. p. 373
- Automation in rolling mills: possibilities, techniques and limitations.
B. FAZAN. p. 379
- Revue de Métallurgie 61 (1964) No. 5**
- Advantage of automation in rolling mills, with examples. *M. BONAUD.* p. 389
- A new method of measuring the aggressiveness of atmospheres with respect to metals.
A. HACHE. p. 395
- Agglomeration to produce iron ore pellets.
J. ASTIER. p. 417
- The Baumco-Demag process for the collection and use of gases taken from the oxygen refining of iron. *Dr BAUM.* p. 445
- Production of O.L.P. steel. (Part 1)
A. CLERC et alii. p. 451
- High-duty structural steels with niobium and nitrogen additions.
P. BROZZO et alii. p. 475
- Contribution to the study of the influence of alloying elements on the quenchability of some carbon steels. *P. RAVIZZA.* p. 493
- Problems in the welding of austenitic steel structures. *C. Roques et alius.* p. 505

Revue de Métallurgie 61 (1964) No. 6
 Reduction tests for various iron ores.
 H. JOLIVET. p. 531
 Development of O.L.P. (Part 2)
 A. CLERC et alius. p. 545
 Vacuum spectrometry for the control of alloy steel production. L. KIDMAN. p. 569
 Deformation tests of metastable austenite, carried out on tool steels. P. RAVIZZA. p. 577
 Observations on methods of determining the mechanical properties of a hot-formed semi-ferritic steel. P. RAVIZZA. p. 586
 Influence of surface treatment of corrosion of steels in water and steam at elevated temperatures. Mme M. WARZÉE et alii. p. 593
Revue de Métallurgie 61 (1964) No. 7-8
 Graphic representation of the decomposition of the carbonates in the blast furnace.
 N. MEYSSON et alii. p. 623
 The «H-Iron» process.
 R. J. MACMULLAN. p. 635
 Study of the flow of metal.
 J. DUFLLOT et alius. p. 639
 Casting of rimming steel and capped steel.
 G. de Rousiers. p. 647
 Casting of semi-killed steel.
 M. MULSANT. p. 653
 Casting of killed steels.
 G. JASKULÉ et alius. p. 661
 Some results of fatigue tests on very strong steels. L. LABORDE et alius. p. 671
 Observations on the possibility of quantitative determination of defects by ultrasonic techniques. P. Ravizza. p. 683
 Expansion turbine for dust-containing gases.
 Use for recovery of gas energy at the top of the backpressure-operated blast furnace.
 B. LACHERETZ. p. 601

国内最近刊行誌参考記次目事

—学協会誌—

日本金属学会誌 28 (1964) 8
 オースフォームされた Fe-Ni-C マルテンサイトの焼戻し挙動について. 田村今男, 他...433
 衝撃荷重下におけるアルミニウム-マグネシウム合金の引張強さ, 伸び, 変形抵抗について.
 作井誠太, 他...439
 衝撃引張試験による純鉄の下部降伏応力の研究.
 作井誠太, 他...443
 深絞り性におよぼす結晶粒度の影響について.
 五弓勇雄, 他...452
 Fe-Al-Mo 合金の磁性におよぼす熱処理の影響.
 森本一郎, 他...461
 低合金工具鋼の焼入歪の方向性と組織との関連性について. 横山均次, 他...489

鑄物 36 (1964) 10
 大型鋼鑄物の凝固過程に関する研究.
 —凝固過程における大型鋼鑄物の鑄型内溶鋼の化学的変化—. 中川義隆, 他...989
 鑄鉄の疲労と組織との関連. 大平五郎, 他...1002
 鑄鋼におよぼす希土類元素の影響.
 前川静弥, 他...1019
材料 13 (1964) 133
 粉体ピッチ系のクリープ特性について.
 梅屋 薫, 他...767
塑性と加工 5 (1964) 44
 高温ねじり試験について. 鈴木 弘, 他...581
 アルミニウム合金の押出し能に関する研究.
 竹内寛司, 他...590
塑性と加工 5 (1964) 45
 線材におけるキャップド鋼の品質について.
 佐伯 修, 他...625
 高周波焼き入れ鋼線の機械的性質. 中村寛, 他...650
分析化学 13 (1964) 10
 EDTA 溶液によるステンレス鋼中ニオブのポーラログラフ定量法. 川畑正夫, 他...951
 超音波ジャックハンマーによつて抽出した非金属介在物の化学分析. 島田春夫, 他...961
防食技術 13 (1964) 9
 銅用気相腐食抑制紙の試験. 高橋教司, 他...395
 高温塩酸水溶液に対するチタンの耐食性.
 伊藤順一, 他...406
 —会社刊行誌—
製鉄研究 247 (1964)
 溶鋳炉の線深度計について. 島田道彦, 他...4917
 ラジオアイソトープによる混鋳炉内の溶鉄の混鉄の混合状況の検討. 森 久...4929
 平炉に関する流体力学的実験
 (第2報)蓄熱室内の気体の流れ.
 島田道彦, 他...4937
 酸素製鋼にともなう平炉用耐火物の検討とその推移.
 山口武和, 他...4945
 最近の条鋼圧延設備について. 吉野山太...4965
 低温用鋼材の溶接について
 (第2報)YND33のサブマージドアーク溶接.
 伊藤悌二, 他...4986
 低温用鋼材の溶接について
 (第3報)YND-37, YND-5 および 9%Ni 鋼.
 伊藤悌二, 他...5001
日本鋼管技報 30 (1964)
 水江製鉄所特集号
日本製鋼技報 17 (1964)
 Cr-Mo-V 鋼蒸気タービン軸材のクリープ破断強さとオーステナイト粒度について.
 渡辺十郎, 他...1855
 大型鋼材の残留応力測定に関する問題点.
 下田秀夫. 他...1862
 鑄物砂, ケイ石中の微量 CaO, MgO の光度滴定法について. 前川静弥, 他...1890
 (以下 2395ページへつづく)